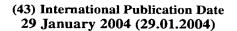
## (19) World Intellectual Property Organization International Bureau





PCT



(10) International Publication Number WO 2004/008887 A1

(51) International Patent Classification7: A23L 001/212, A61K 035/78, 007/42, A61P 017/00, 019/00, 019/02, 019/06

(21) International Application Number:

PCT/AU2003/000931

(22) International Filing Date: 22 July 2003 (22.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2002950308

23 July 2002 (23.07.2002)

(71) Applicant (for all designated States except US): PHOENIX EAGLE COMPANY PTY LTD [AU/AU]; c/- Abbott and Associates, 1st Floor, 3 Alvan Street, Mt Lawley, W.A. 6050 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MCARTHUR. Thomas, James [AU/AU]; 24 Faraday Court, Urraween, QLD 4655 (AU).

(74) Agent: SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO. SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FRUIT AND/OR VEGETABLE DERIVED COMPOSITION

(57) Abstract: There is provided a process for making a composition suitable for topical application comprising the steps of: a)heating at least one fruit and/or vegetable pulp to up to a temperature in the range of about 40°C to 100°C; b) mixing between 1 and 40% w/w of a mild base with the heated fruit and/or vegetable pulp. There is also provided a fruit and/or vegetable derived composition suitable for topical application prepared by the above process. There is further provided a fruit and/or vegetable derived composition comprising at least one fruit and/or vegetable-derived pulp and a mild base, said composition having a pH in the range of about 7.5 to about 9.5.



## INTERNATIONAL SEARCH REPORT

International application No. PCT/AU03/00931

		FCI/ACOS/COS/				
	LASSIFICATION OF SUBJECT MATTER					
	007/42, A61P 017/00 019/00, 019/06					
L Cl. <sup>7</sup> : A	A23L 001/212; A61K 035/78, 007/42, A61F 077/05,  International Patent Classification (IPC) or to both national classification and IPC					
		mai onasoni onasoni				
F	TELDS SEARCHED	ination symbols)				
inimum docum	entation searched (classification system followed by classification system	canon symbols,				
e electronic	database earched other than minimum documentation to the extent the	at such documents are included in the fields searche	:d -			
ee electronic	database	1 1tiachle cearch terms used)	_			
/PIDS & CA	database  ase consulted during the international search (name of data  A: IPC A61K/- & keywords: alkali, base, bicarbon  rapy, medicine, skin, dermatology, treat, topical,	fruit nawnaw, papaya, tomato	acerate,			
	t	ruit, buib, masii, paree, e,	mverise,			
nerapy, med	c FSTA keywords: alkan, base, oleared act, projectione, skin, dermatology, treat, topical, fruit; paw	paw, papaya, tomaw				
	DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	. Citation of document, with indication, where approp	<u>-</u> _1	Relevant to claim No.			
	STARLEY et al. The treatment of paediatric b	urns using topical papaya. Burns. 1999,	7			
х	vol. 25, pages 636-639		1-6, 8-11			
Y	See whole document		, -			
x	WINTER, Ruth. A Consumer's Dictionary of Cosmetic Ingredients. New York: Crown 7					
Y	See page 41		,,			
ι	ALBAN MULLER INTERNATIONAL - PRODUCTS OF NATURE http://www.albanmuller.fr/anglais/catalogue/classiques/default.asp?milieu=cata0315.ht ml					
X	Date not confirmed		<u> </u>			
<b>x</b>	Further documents are listed in the continuation of	of Box C X See patent family ann	ex			
* Specia "A" docum which releva "E" earlie after t  "L" docum claim publi reaso	al categories of cited documents:  nent defining the general state of the art "T" late is not considered to be of particular or t rapplication or patent but published on or "X" doc the international filing date when the international filing dote "Y" doc ment which may throw doubts on priority "Y" doc (s) or which is cited to establish the cor cation date of another citation or other special	er document published after the international filing deleted in conflict with the application but cited to und theory underlying the invention cument of particular relevance; the claimed invention is idered novel or cannot be considered to involve an enthe document is taken alone cument of particular relevance; the claimed invention is idered to involve an inventive step when the document on more other such documents, such combinates on skilled in the art cument member of the same patent family	n cannot be n inventive step n cannot be ment is combined			
"P" docu date	ment published prior to the international filing but later than the priority date claimed	Date of mailing of the international search report				
	ctual completion of the international search	Date of thaning of the international section apply	1 0 SEP 2003			
3 Septemb	er 2003 ailing address of the ISA/AU	Authorized officer				
	wiling address of the ISA/AU					
		1				
AUSTRALI	AN PATENT OFFICE 0, WODEN ACT 2606, AUSTRALIA ess: pct@ipaustralia.gov.au	KAREN TAN Telephone No: (02) 6283 2277				

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00931

C (Continua		Relevant to			
Category*	Citation of document, with indication, where appropriate, of the relevant passages				
	AFRICA'S GARDEN - AVOCADO OIL & HERB				
	http://www.africasgarden.com/HistoricalUses.htm				
Y	6 January 2002 http://www.archive.org/.html (used to establish the publication date of the document)	1-11			
	US 5932230 A (DEGRATE) 3 August 1999				
Y	See whole document	1-11			
	WO 2000/74698 A (INDIAN COUNCIL OF MEDICAL RESEARCH) 14 December				
x	2000 See Page 4 & claims	1-7			
	CN 1141792 A (YANG SHUDONG) 5 February 1997 (Abstract only)				
<b>Y</b>	See whole abstract	1-11			
X	US 3126287 A (FINKLE BJ) 24 March 1964	7			
Y	See Columns 2-4	1-6, 8-11			
	PACIFICA NATURAL SKINCARE PRODUCTS - NATURAL SKINCARE				
	FORMULAS				
P, X	http://www.pacificanaturalskincare.com/body.html 14 October 2002				
~,	http://www.archive.org/.html (used to establish the publication date of the document)				
•					
		,			
	·				
	· ·	1			



Information on patent family members

International application No.

PCT/AU03/00931

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	t Document Cited in Search Report			Pate	nt Family Member	
US	5932230	NONE				
wo	200074698	AU	200058443	US	2001021401	
						END OF ANNEX